

# **NOTIFICATION OF ADDENDUM**

## **ADDENDUM NO. 1**

**DATED 11/20/2009**

<b>Control</b>	<b>0907-24-032</b>
<b>Project</b>	<b>STP 2009(477)SRS</b>
<b>Highway</b>	<b>CS</b>
<b>County</b>	<b>TOM GREEN</b>

Ladies/Gentlemen:

Attached please find an addendum on the above captioned project. Included in the attachment is an addendum notification which details the changes and the respective proposal pages which were added and/or changed.

Except for new bid insert pages, it is unnecessary to return any of the pages attached.

Bid insert pages must be returned with the bid proposal submitted to the Department, unless your firm is submitting a bid using a computer print out. The computer print out must be changed to reflect the new bid item information.

Contractors and material suppliers, etc. who have previously been furnished informational proposals are not being furnished a copy of the addendum. If you have a subcontractor on the above project, please advise them of this addendum. Acknowledgment of this addendum is not requested if your company has been issued a proposal stamped "This Proposal Issued for Informational Purposes."

You are required to acknowledge receipt of this addendum on the Addendum Acknowledgement form contained in your bid proposal by placing a mark in the box next to the respective addendum.

Failure to Acknowledge receipt of this addendum in your bid proposal will result in your bid not being read.

SUBJECT: PLANS AND PROPOSAL ADDENDUMS

PROJECT: STP 2009(477)SRS

CONTROL: 0907-24-032

COUNTY: TOM GREEN

LETTING: 12/09/2009

REFERENCE NO: 1119

**PROPOSAL ADDENDUMS**

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\_ PROPOSAL COVER

\_ BID INSERTS (SH. NO.:

X GENERAL NOTES (SH. NO.: C - F

\_ SPEC LIST (SH. NO.:

\_ SPECIAL PROVISIONS:

ADDED:

DELETED:

\_ SPECIAL SPECIFICATIONS:

ADDED:

DELETED:

X OTHER: See changes outlined below:

DESCRIPTION OF ABOVE CHANGES

(INCLUDING PLANS SHEET CHANGES)

General Notes:

Sheet C: Added notes for items 110 and 164.

Sheet D: Continued notes for item 164.

Sheet E: Added notes for item 531.

Notes shifted due to the additions and added sheet G to the Notes.

Plans:

Sheets 4 - 5 have been replaced.

Sheet 5A was added.

Sheet 1 was revised.

**GENERAL NOTES**

The following Standard Sheets have been modified: NONE.

Plans are not exact in nature and are not survey quality in accuracy. The plans are to be constructed in compliance with ADA and TAS as directed by the engineer. Adjustments will be required by the engineer. Adjust ramp lengths as directed to comply with ADA and TAS.

Where driveway and alley entrances on Edmund Blvd. (Fannin Elementary to Park Area) they will be removed and new driveway entrances constructed. Match existing widths on driveways. Install alley entrance widths (new driveway standard detail will apply) as shown on plan or as directed.

Signs, markings, delineators and signals conform to details shown on the plans, the TMUTCD, the Compliant Work Zone Traffic Control Device List (CWZTCDL), the Department's Standard Sheets, "Standard Highway Sign Designs for Texas" and "Sign Crew Field Book." These publications are available from the Department's Traffic Operations Division.

All items described in the plans that have not been identified in the proposal as separate bid items or otherwise identified for payment are subsidiary. The work performed, materials furnished, equipment, labor, tools, and incidentals will not be measured or paid directly, but will be subsidiary to pertinent items.

Provide weekly payroll and compliance statement in a timely manner after the end of the payroll period for Contractor and Subcontractor employees. If payrolls are not consistently provided in a timely manner, the monthly Contractor payment may be withheld until payrolls are received. Any payment that was withheld will not be paid until the following month.

In those instances where fixed features require, vary the governing slopes indicated in these plans from within the limits to the extent determined.

If Contractor elects to establish a pit within 200 feet of a public road, construct a barrier or other device in accordance with Natural Resources Code, Chapter 133, and Section 133.041.

Do not use salt water with solids in excess of 10,000 parts per million, as determined by evaporation.

Construct all ramps, sidewalks, steps, curb ramps, handrails, pedestrian push buttons, and other pedestrian elements in accordance with Texas Accessibility Standards (TAS) issued by the Texas Department of Licensing and Regulation. Maintain one copy of TAS at the project site at all times.

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**Item 5, "Control of the Work"**

Submit shop drawings electronically for the fabrication of structural items and other items specifically listed in the plans to SJT\_ShopPlanReview@dot.state.tx.us. For instructions on submitting shop drawings electronically see "Guide to Electronic Shop Drawing Submittal" at <http://www.txdot.gov/publications/bridge.htm>.

Responsibility for construction surveying shall conform to Article 5.6.C, "Method C."

There may be utilities within the right of way. Not all utilities have been shown in the plans. Any utility locations shown in the plans should be considered to be approximate. Verify the locations of any utilities shown in the plans, and locate utilities not shown in the plans.

Make suitable advance notification to affected municipalities regarding Class B underground facilities, call the Department's San Angelo District Traffic Office at telephone number (325) 947-9281 to have the Department's existing traffic signal and illumination utilities located, and call the Department's San Angelo District Landscape Architect's Office at telephone number (325) 947-9236 to have the Department's existing irrigation utilities located.

Request and coordinate any necessary de-energizing of existing overhead electric lines.

The following is a tabulation of various utilities that may be encountered:

**EXISTING UTILITIES**

Utility Type	Utility Owner	Address	Contact Person	Telephone Number
Water	City of San Angelo	122 W. 1 <sup>st</sup> Street San Angelo, TX 76901	Roy Martinez	325-657-4295
Sanitary Sewer	City of San Angelo	122 W. 1 <sup>st</sup> Street San Angelo, TX 76901	Sonny Franklin	325-657-4295
Traffic Signal	City of San Angelo	122 W. 1 <sup>st</sup> Street San Angelo, TX 76901	Alonzo Carrasco	325-657-4377
Gas	Atmos Energy	1212 Gas Plant Road San Angelo, TX 76901	Erla Errans	325-651-5543
Cable Television	Suddenlink West Texas	4272 W. Houston Harte Expressway San Angelo, TX 76904	Gary McDonald Crain Thornell Junior Torres	325-650-4172 325-650-4332 325-650-4460
Electric	AEP	930 W. 19 <sup>th</sup> Street San Angelo, TX 76903	Gary Pittman	325-657-2866
Telephone	Verizon	2020 Loop 306 San Angelo, TX 76904	Brenda McWilliams	949-0884 944-1191

**Item 8, "Prosecution and Progress"**

The number of working days allowed to complete this project and interim milestones, if any, was calculated using a conceptual time determination schedule. The Engineer will supply bidders upon written request, one electronic copy of the time determination schedule. The electronic copy will be compatible with SureTrak software. The time determination schedule is provided for informational use only and is not intended for bidding or construction purposes. The time determination schedule assumes generic resources, production rates and sequences of construction. The time determination schedule also assumes average weather conditions that may be based on historic data for the project location. The work is scheduled in accordance with the traffic control plan and sequence of work included in the proposal.

**Item 9, "Measurement and Payment"**

Provide a conversion rate for units of payment for work subcontracted to disadvantaged business enterprises if units of payments differ from those shown on the plans.

The progress payment period shall end two working days before the last working day of the month. Deliver invoices to be paid as material on hand on or before the end of the progress payment period.

**Item 100, "Preparing Right of Way"**

Preparing Right of Way applies to that area in public street area or on school property necessary and required to install the construction items as shown on plan.

**Item 110, "Excavation"**

Removal of earth, roadway base, or other materials necessary to install items shown on plan and details. Special excavation applies to the area between the new sidewalk, curb ramps, or other hardscape to be installed, and the back of the street curb and gutter where there is currently unpaved surface (grass, gravel, soil); so that a 1" to 1.5" reveal exists at back of curb, sidewalk and other hardscape. This area will then be prepared for seeding.

**Item 164, "Seeding for Erosion Control"**

Finish grade, level smooth, clear and rake all stones, stumps, weed vegetation, roots, brush, wire, grade stakes, and all other objects larger than .5 inch in thickness/diameter, required), then broadcast and rake in seed as specified herein on all disturbed area (including area between sidewalk and back of curb, etc.) and or other areas disturbed and/or designated to be seeded.

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In lieu of standard grass types and rates listed in the "Standard Specifications for Construction and Maintenance of Highways, Streets, and Bridges", apply grass types in rates as follows:

Urban application mix - (total of 64 pounds per acre):

Bermuda grass (*cynodon dactylon*) "Princess," "Sonesta," "Sahara," "Yuma," "Sydney," "Cheyenne," "Mirage," "Jackpot," "U3," or "Del Sol" variety or another variety or mix of varieties as directed by the Engineer. "Common" variety is not acceptable. Minimum pure live seed at 85 percent and seed rate of 1 pound per 1,000 square feet (44 pounds per acre). (Unhulled Sept 1<sup>st</sup> to April 1<sup>st</sup>).

Fescue (*festuca elatior*) "Rebel", "Rebel Jr.", or another cool-season short fescue variety as directed by the Engineer. Minimum pure live seed at 90 percent and seed rate of .45 pounds per 1,000 square feet (20 pounds per acre).

**Item 421, "Hydraulic Cement Concrete"**

Provide all items listed in 421.3.C, "Testing Equipment" with the exception of strength-testing equipment.

**Item 450, "Railing"**

Railings will include the following: steel posts for rails, wrought iron rails, steel pipe handrails, various metal trim pieces, fasteners, anchors, supplementary devices for rails and railings, and all other appurtenances necessary to accomplish the work. There are no locations where galvanized finish is required on the components covered under this definition. Paint all exposed metal members listed in the definition above for railings. Prime coat will be applied to all components placed on the project. A gloss finish metal paint will be applied after the primer coat has been approved. Provide color samples from the manufacturer for both the primer and the finish coats prior to assembling the railing. All painting will be performed according to the manufacturer's specifications. Color will be black, as approved.

Full bead weld covering the entire circumference of abutments will be required.

Submit shop drawings for railings.

**Item 502, "Barricades, Signs and Traffic Handling"**

Provide flaggers at such times and locations as directed to ensure the safe passage of traffic through construction areas. When flaggers are used to control traffic, use "FLAGGER AHEAD" (FCW20-7a) signs and "BE PREPARED TO STOP" (CW20-7b) signs. Flaggers shall use 24" STOP/SLOW paddles.

Traffic control devices denoted with the triangle symbol on the plans may be omitted.

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Use high level warning flags on advance warning signs during daytime operations.

Install one Type III barricade in advance of stockpiles located in the right of way.

Warning reflectors mounted on plastic drums may be substituted in place of Type C steady burn warning lights.

Install orange plastic construction fencing around the perimeter of trenches and excavations to remain open at night, and at other locations shown on the plans or as directed. Construction fence shall be orange plastic, highly visible, four feet high, and as approved. Construction fence supports shall be steel t-posts with safety caps, wooden posts having minimum dimension of 1 1/2 inches, or plastic drums. Embed steel or wooden posts sufficiently as directed. Steel or wooden supports shall extend to top of construction fence. Attach construction fence to supports sufficiently as directed. Do not exceed eight feet between supports. Do not use steel reinforcing bars as supports for construction fence.

As directed, furnish and install signs R9-8 "PEDESTRIAN CROSSWALK", R9-9 "SIDEWALK CLOSED", R9-10 "SIDEWALK CLOSED USE OTHER SIDE", R9-11 "SIDEWALK CLOSED AHEAD CROSS HERE", and R9-11a "SIDEWALK CLOSED CROSS HERE." Mount these signs on barricades or sign supports as directed. Place other additional appropriate warning or protective devices as directed for pedestrian safety.

**Item 506, "Temporary Erosion, Sedimentation, and Environmental Controls"**

No appreciable soil disturbance at predictable locations is expected, and the project qualifies for a Blanket Categorical Exclusion (BCE). Therefore, no temporary erosion control measures, Storm Water Pollution Prevention Plan (SW3P), or Environmental Permits, Issues, and Commitments (EPIC) have been included on the plans.

**Item 529, "Concrete Curb, Gutter, and Combined Curb and Gutter"**

Before final acceptance of the project, remove discoloration caused by tire marks, mud, asphalt, paint or other similar material to achieve a uniform color and texture of the finished surface exposed to view.

Reinforcing steel is required.

**Item 531, "Sidewalks"**

Cross slope will drain toward street side.

Generally, sidewalk elevation at low-side of cross slope will be 0.5" above nearest top of curb, when the two are separated by grass or other pervious surfaces.

**Item 644, "Small Roadside Sign Supports and Assemblies"**

New sign supports (poles) are required for all sign relocations.

Where foundations protrude through riprap or other concrete areas, wrap the foundation with 1/4"-inch thick bituminous fiber sheets before placing concrete or repairing the concrete area. Bituminous fiber sheet tubes may be used for forming sign foundations instead of removable forms and shall be left in place below the finished concrete or riprap surface. Neatly trim the bituminous fiber sheets flush with the finished surface after the concrete has cured.

Drill and pour small roadside sign foundations on the same day or suitably cover the drilled hole.

Signs indicated to be mounted on the back of another sign may require punch spacing different from that shown on the Standard Sheets. Adjust punch spacing on affected signs.

Cover each unfinished sign base with a reflectorized traffic cone.

**Item 1014, "Landscape Amenity"**

Install 14 to 16 bicycle capacity (double sided) commercial grade parking bike rack with minimum 1.6" up to 2.5" diameter tubing of 1008 carbon steel (or approved equal) with a black or red powder coat finish over a zinc plated baked finish such as those manufactured by "Landscape City #95FSC-BRP302" retailed by Upbeat Site Furnishings or "Allen AL208D" retailed by BikeRack Shops or approved equal.

Install bike racks in an anchored condition (security anchors required).

Bike racks subject to approval of the engineer. Submit shop drawings or submittal sheets.

**Item 4479, "Fiber Reinforced Concrete"**

Furnish and install 1/2-inch thick joint filler board conforming to DMS-6310, "Joint Sealants and Fillers" between concrete sidewalk and adjacent existing concrete, and where directed. Joint Filler Material is re-bonded recycled tire rubber.

Furnish only one type of detectable warning for each contract, unless otherwise approved. Engineer will select color of detectable warning materials from manufacturer's standard colors. Provide color samples upon request.

Detectable warning materials shall be either Domed Brick Pavers or Domed Steel Plates. Steel plates shall be type set into fresh concrete. Furnish detectable warning materials from producers that are listed on the Department's "Qualified Detectable Warning Material" list.



At contractor's option, omit fiber reinforcing. Place number 3 reinforcing steel bars at maximum 12 inch spacing each way on center. Place bars at three inches from edge of sidewalk. Provide two inches of clear cover above reinforcing. Lap splices shall be at least 1 ft 4 in. Do not splice reinforcing across joints.

A two-inch fine aggregate cushion (sand) is required below new sidewalks. Fine aggregate shall conform to the requirements of Item 421 "Hydraulic Cement Concrete".

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